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**(54) CONNECTOR INSTALLING STRUCTURE FOR FUEL TANK**

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(57) Abstract:

PURPOSE: To perform connector installing work in a single operation without requiring a special equipment and a space.

CONSTITUTION: An installing cylinder 23 is penetratingly fixed to a cover plate 20 of a tank. A locking window 27 is opened in a circumferential surface of the installing cylinder 23. An elastic locking member 30 is arranged on a stepped surface 29 of an internal connecting part 4 of a connector 1. In the elastic locking member 30, the tip of a pin 31 formed by insert molding by downward projecting from the stepped surface 29 is bent, and a lock part 32 is formed. When the connector 1 is inserted in the installing cylinder 23, an inclined part 33 of the lock part 32 strikes on a corner part 40 on an inside surface of the installing cylinder 23, and is pushed in while causing bending deformation inward, and when it is completely pushed in, the elastic locking member 30 outward opens, the lock part 32 is fitted in the locking window 27, and the connector 1 is installed so that slipping-out becomes impossible.

